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PATENT APPLICATION
DOCKET # 5034-0001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Michael G. Taylor

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Serial No.: 10/728,247

Group Art Unit: Unknown

Filed: December 4, 2003

Examiner: Unknown

For: COHERENT OPTICAL DETECTION AND SIGNAL PROCESSING METHOD AND
SYSTEM

CERTIFICATE OF MAILING BY FIRST CLASS MAIL:

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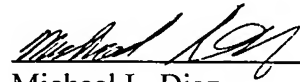
INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR §1.56 and in accordance with 37 CFR §§1.97-1.98 information relating to the above-identified application is hereby disclosed. Copies of each of the reference listed on the attached Form PTO/SB/08B is enclosed herewith. Certain of the reference may contain markings,

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underlinings or other notations. These markings are not intended and should not be construed as drawing the Examiner's attention either to selected parts or away from other parts of the references, but such markings were either present on the copies of the references obtained by applicant, or were made thereon during the study of the references by applicant and/or its attorneys.

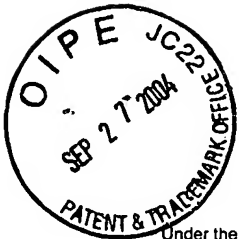
Respectfully submitted,



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Dated: 9-24-04

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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number	10/728,247
	Filing Date	12-04-2003
	First Named Inventor	Michael G. Taylor
	Art Unit	
	Examiner Name	
Sheet 1 of 3	Attorney Docket Number	5034-0001

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		YONENAGA ET AL., "Dispersion Compensatin for Homodyne Detection Systems Using a 10-Gb/s Optical PSK-VSB Signal, IEEE Photonics Technology Letters, Vol. 7, No. 8, August 1995.	
		YAMASHITA, "Suppression of Beat Noise from Optical Amplifiers Using Coherent Receivers," Journal of Lightwave Technology, Vol. 12, No. 6, June 1994.	
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		TAKACHIO ET AL., "Optical PSK Synchronous Heterodyne Detection Transmission Experiment Using Fiber Chromatic Dispersion Equilization," IEEE Photonics Technology, March 1992.	
		TAKAHIO ET AL., "Transmission Limitations Due to Self-Phase Modulation in Optical PSK Heterodyne Detection Systems Employing...", Journal of Lightwave Technology, Feb. 1984.	
		OKOSHI ET AL., "Double-Stage Phase-Diversity Optical Receiver: Analysis and Experimental Confirmation of the Principle," Journal of Lightwave Technology, Mar. 1990	
		NOSU ET AL., "A Consideration of Factors Affecting Future Coherent Lightwave Communication Systems," Journal of Lightwave Technology, May 1988.	
		NORIMATSU ET AL., "Linewidth Reuquirements for Optical Synchronous Detection Systems with Nonnegligible Loop Delay Time," Journal of Lightwave Technology, March 1992.	
		NORIMATSU ET AL., "An Optical 90-Hybrid Balanced Receiver Module Using A Planar Lightwave Circuit," IEEE Photonics Technology Letters, June 1994.	

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		STICHT ET AL., "Design of Near Optimum Electrical Equalizers for Optical Transmission in the Presence of PMD," IEEE Photonics Technology Letters, Dec. 1990.	
		NORIMATSU ET AL., " PLL Propagation Delay-Time Influence on Linewidth Requirements of Optical PSK Homodyne Detection," Journal of Lightwave Technology, Oct. 1991.	
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		LINKE ET AL., " High-Capacity Coherent Lightwave Systems," Journal of Lightwave Technology, Nov. 1988.	
		KAZOVSKY ET AL., "Phase- and Polarization-Diversity Coherent Optical Techniques," Journal of Lightwave Technology, Feb. 1989.	

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Sheet 3	of 3	Attorney Docket Number	5034-0001

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		GNAUCK ET AL., 4-Gb/s Heterodyne Transmission Experiments Using ASK, FSK, and DPSK Modulation," IEEE Photonics Technology Letters, Dec. 1990.	
		KAZOVSKY ET AL., "560 Mb/s Optical PSK Synchronous Heterodyne Experiment," IEEE Photonics Technology Letters, June 1990.	
		KAZOVSKY ET AL., "Wide-Linewidth Phase Diversity Homodyne Receivers," Journal of Lightwave Technology, Oct. 1988.	
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		KAHN ET AL., " 4-Gb/s PSK Homodyne Transmission System Using Phase-Locked Semiconductor Lasers," IEEE Photonics Technology Letters, Apr. 1990.	
		KAHN ET AL., " BPSK Homodyne Detection Experiment Using Balanced Optical Phase-Locked Loop With Quantized Feedback," IEEE Photonics Technology Letters, Nov. 1990.	
		IWASHITA ET AL., " Experimental Evaluation of Chromatic Dispersion Distortion in Optical CPFSK Transmission Systems," Journal of Lightwave Technology, Oct. 1989.	
		IWASHITA ET AL., "Chromatic Dispersion Compensation in Coherent Optical Communications," Journal of Lightwave Technology, March 1990.	
		HO ET AL., "Optical Frequency Comb Generator Using Phase Modulation in Amplified Circulating Loop," IEEE Photonics Technology Letters, June 1993.	

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